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# Energy performance certificate (EPC) recommendation report

Border Rose 772 Rochdale Road TODMORDEN OL14 7UA Report number 0220-8939-0475-4580-7040

Valid until
21 March 2027

## **Energy rating and EPC**

This property's energy rating is C.

For more information on the property's energy performance, <u>see the EPC for this property (/energy-certificate/0580-0735-4379-4822-9006)</u>.

## Recommendations

#### Changes that may pay for themselves within 3 years

| Recommendation   | Potential impact on carbon emissions |
|--|--------------------------------------|
| Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.                    | Low                                  |
| Consider replacing T8 lamps with retrofit T5 conversion kit.                                       | Medium                               |
| Add time control to heating system.  | Low                                  |
| Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required. | Low                                  |

| Recommendation  | Potential impact on carbon emissions |
|---|--------------------------------------|
| Consider replacing heating boiler plant with high efficiency type.  | High                                 |
| Add optimum start/stop to the heating system.   | Medium                               |
| The default heat generator efficiency is chosen. It is recommended that the heat generator system be investigated to gain an understanding of its efficiency and possible improvements. | High                                 |

#### Changes that may pay for themselves within 3 to 7 years

| Recommendation   | Potential impact on carbon emissions |
|--|--------------------------------------|
| Some walls have uninsulated cavities - introduce cavity wall insulation.                               | Medium                               |
| Add local temperature control to the heating system.   | Medium                               |
| Add weather compensation controls to heating system.   | Medium                               |
| Add local time control to heating system.  | Low                                  |
| Consider replacing heating boiler plant with a condensing type.  | High                                 |
| Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation. | Medium                               |

#### Changes that may pay for themselves in over 7 years

| Recommendation  | Potential impact on carbon emissions |
|---|--------------------------------------|
| Consider installing an air source heat pump.          | High                                 |
| Consider installing a ground source heat pump.        | High                                 |
| Consider installing building mounted wind turbine(s). | Low                                  |
| Consider installing solar water heating.              | Low                                  |
| Consider installing PV.                               | Low                                  |

# **Property and report details**

| Report issued on        | 22 March 2017  |
|-------------------------|--|
| Total useful floor area | 365 square metres  |
| Building environment    | Heating and Natural Ventilation  |
| Calculation tool        | DesignBuilder Software Ltd,<br>DesignBuilder SBEM, v4.7.0, SBEM,<br>v5.2.g.3 |

## Assessor's details

| Assessor's name        | Katie Price   |
|------------------------|---|
| Telephone              | 01924669940   |
| Email                  | epc@compliance365.co.uk                                   |
| Employer's name        | Compliance365   |
| Employer's address     | 6 Mariner Court   |
| Assessor ID            | QUID202388  |
| Assessor's declaration | The assessor is not related to the owner of the property. |
| Accreditation scheme   | Quidos Limited  |

## Other reports for this property

If you are aware of previous reports for this property and they are not listed here, please contact us at <a href="mailto:mhclg.digital-services@communities.gov.uk">mhclg.digital-services@communities.gov.uk</a> or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related reports for this property.

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